AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A bar-code reader comprising:

a judging unit that judges number of modules corresponding to a character from character data read from a bar-code; and

a demodulating unit that, if the number of modules judged is different from a predetermined number, demodulates the character by using a demodulation-pattern table corresponding to the number of modules judged, wherein

the demodulation pattern table is provided for a number that is less than the predetermined number by one, and

the demodulating unit displays, if the number of modules judged is different from the predetermined number and from a number that is less than one of the predetermined number, predetermined candidates characters on a displaying unit for selection of a character by a user

Claim 2 (original): The bar-code reader according to claim 1, further comprising a consecutive judging unit that judges whether the number of modules judged is judged to be different from the predetermined number consecutively for a plurality of times, wherein

the demodulating unit, if the consecutive judging unit judges that the number of modules

judged is judged to be different from the predetermined number consecutively for a plurality of

times, does not demodulate the character.

Claim 3 (canceled).

Claim 4 (original): The bar-code reader according to claim 1, further comprising a module-

judgment-data outputting unit that extracts a basic frequency equivalent to a unit module of the bar

code based on a signal acquired by reading the bar code and outputs module judgment data according

to a point in time that is synchronized with the signal and has the basic frequency, wherein

the judging unit judges the number of modules based on the module-judgment data.

Claim 5 (currently amended): A method of reading a bar-code, comprising:

judging a number of modules corresponding to a character from character data read from the

bar-code; and

if the number of modules judged is different from a predetermined number, demodulating

the character by using a demodulation-pattern table corresponding to the number of modules judged,

wherein the demodulation patter is provided for a number that is less than the predetermined

number by one, and

the demodulating includes displaying, if the number of modules judged is different from the

predetermined number and from a number that is less than one of the predetermined number,

predetermined candidates characters on a displaying unit of selection of a character by a user.

Claim 6 (currently amended): The method according to claim 5, further comprising

judging whether the number of modules judged is judged to be different from the predetermined

number consecutively for a plurality of times, wherein

the demodulating does not ~~demodulating~~ demodulate the character if ~~it is judged~~ the judging

judges that the number of modules judged is judged to be different from the predetermined number

consecutively for a plurality of times.

Claim 7 (canceled).

Claim 8 (original): The method according to claim 5, further comprising extracting a basic

frequency equivalent to a unit module of the bar code based on a signal acquired by reading the bar

code and outputting module judgment data according to a point in time that is synchronized with the

signal and has the basic frequency, wherein

the judging includes judging the number of modules based on the module-judgment data.